OIPE

DATE: 01/15/2002 RAW SEQUENCE LISTING TIME: 07:55:35 PATENT APPLICATION: US/10/029,413

Input Set : A:\ES.txt

Output Set: N:\CRF3\01152002\J029413.raw

Does Not Comply Corrected Diskette Needec

3 <110> APPLICANT: Malouf, Nadia Nichols, Timothy 6 <120> TITLE OF INVENTION: Purified and Isolated Platelet Calcium Channel Nucleic Acids Polypeptides and Therapeutic and Screening Methods Using Same and 11 <140> CURRENT APPLICATION NUMBER: US/10/029,413 9 <130> FILE REFERENCE: 421/29 > 11 <141> CURRENT FILING DATE: 2001-12-20 11 <160> NUMBER OF SEQ ID NOS: 29 13 <170> SOFTWARE: PatentIn version 3.0

ERRORED SEQUENCES

pr 1-2,4 2714 <210> SEQ ID NO: 10 2715 <211> LENGTH: 1338 2716 <212> TYPE: PRT 2717 <213> ORGANISM: Homo sapiens 2719 <400> SEQUENCE: 10 2721 Met Ser Lys Gly Leu Pro Asp Lys Ser Glu Glu Lys Ser Thr Met Jee item 9 on Evor Summary 2725 Ala Lys Lys Leu Glu Gln Lys Pro Lys Gly Glu Gly Ile Pro Thr Thr 25 E--> 2729 Ala Lys Leu(Xaa)Ile Asp Glu Xaa Glu Ser Asn Val Asn Glu Val Lys 2726 35 2733 Asp Pro Tyr Pro Ser Ala Asp Phe Pro Gly Asp Asp Glu Glu Asp Glu 2737 Pro Glu Ile Pro Leu Ser Pro Arg Pro Arg Pro Leu Ala Glu Leu Gln 75 70 2741 Leu Lys Glu Lys Ala Val Pro Ile Pro Glu Ala Ser Ser Phe Phe Ile 2745 Phe Ser Pro Thr Asn Lys Ile Arg Val Leu Cys His Arg Ile Val Asn 105 100 2749 Ala Thr Trp Phe Thr Asn Phe Ile Leu Leu Phe Ile Leu Leu Ser Ser 125 120 115 2753 Ala Ala Leu Ala Ala Glu Asp Pro Ile Arg Ala Asp Ser Met Arg Asn 135 2757 Gln Ile Leu Lys His Phe Asp Ile Gly Phe Thr Ser Val Phe Thr Val 155 150 2758 145 2761 Glu Ile Val Leu Lys Met Thr Thr Tyr Gly Ala Phe Leu His Lys Gly 170 165 2762 2765 Ser Phe Cys Arg Asn Tyr Phe Asn Met Leu Asp Leu Val Val Ala 190 185 180 2769 Val Ser Leu Ile Ser Met Gly Leu Glu Ser Ser Ala Ile Ser Val Val 200 195 2773 Lys Ile Leu Arg Val Leu Arg Val Leu Arg Pro Leu Arg Ala Ile Asn 220 215 E--> 2777 Arg Ala Lys Gly Leu Lys Val Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa

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Input Set : A:\ES.txt

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							230					235				_	240	
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	2782 2785			••	V	Z43	Vaa	Yaa	Yaa	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	
	2786 2 78 9				260	V	Vaa	Vaa	Yaa	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	
	2790 2793			275	••	W = =	Vaa	Vaa	Yaa	Yaa	Хаа	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	
E>	2793	Xaa	Xaa	хаа	xaa	Add	Aaa	295	Auu	2500.00			300					
	2794 2797		290		••	V	Vaa	Vaa	Yaa	Yaa	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	
	2798 280 1	305			17	Vaa	210	Yaa	Yaa	Xaa	Xaa	Xaa	Cys	His	Arg	Gly	Tyr	
E>	280/1	Xaa	Xaa	xaa	xaa	325		Auu			330		-			335		
	280 ኒ 2805			*** 1	П	323 Tvc	λen	Cl v	Asp	Pro	Met	Gln	Ile	Glu	Leu	Arg	His	
	2806 2809				340	TT d a	Cor	N en	Dhe	His	Phe	Asp	Asn	Val	Leu	Ser	Ala	
	2810 2813			355	_	nh -	mhw	17 - 1	Cor	Thr	Phe	Glu	Gly	Trp	Pro	Gln	Leu	
	2813	Met		Ser	Leu	Pne	THI	375	PET	1111	1110		380	-				
	2814		370			Ile	3	3/3	A an	λla	Glu	Asp		Glv	Pro	Ile	Tyr	
				Lys	Ala	TTE	ASP	Ser	ASII	AIU	Olu	395	, -;-	- 1			400	
	2818	385			_		390	31-	т1 о	Dho	Dho	Tle	Tle	Tvr	Ile	Ile	Leu	
	2821	Asn	Asn	Arg	Val	Glu	мет	Ala	116	Pile	410	110		-1-		415		
	2825	Ile	Ala	Phe	Phe	Met	Met	Asn	TTe	405	· vai	. Gry	Tito	, , , , ,	430			
	2829	Phe	Gln	Glu	Gln	Gly	Glu	Thr	GIU	ТУГ	. цув	ASII	Cys	445			-	
	2833	3 Asr	ı Glm	Arg	Gln	Cys	Val	Gln	Tyr	. ATS	Let	г гуз	460	nry			3	
	2837	7 Cys	з Туг	: Ile	Pro	Lys	Asn	Pro	Туг	GIr	туг	475	. val	. III	, 111	. 110	480	
	284	1 Thi	r Sei	ser	Туг	Phe	Glu	Tyr	Leu	ı Met	Pne	S ATC	тес	I IIC	FICE	495		
	284	5 Th	rile	e Cys	Leu	485 1 Gly	Met	Glr	His	з Туз	r Ası -	J GTI	1 561	GI	510	1 1100		
	284	9 Hi	s Ile	e Sei	c Asp	o Ile	e Leu	ı Asr	va.	r Ala	a Pne	9 TII	. TT4	52!	5 III.			
	285	3 G1	u Met	t Ile	e Lei	u Lys	s Let	ı Met	: Ala	a Pho	е Гу	S Ala	A A F	9 GT	у ту.	LIII	. 017	
	285	7 As	p Pro	o Tr	p Asi	n Vai	l Phe	e Asp	Ph	e Le	u II	e va.	- T TT:	6 GT	y 3e.	1 110	560)
	285	8 54	5		-		550)				55	5	- 0-	- Ca	~ C1s	7 G1s	,
	286	1 As	p Va	1 11	e Le	u Se	r Glu	ı Ile	e As	p Th	r Ph	e Le	u Al	a se	r se	57	, GT 2	ľ
	286	- 5 Т.е	u Tv	r Cy	s Le	u Gl	y G1	y Gl	у Су	s Gl	y As	n Va	1 As	риг	O AS	v Бет	7 261	_
	200	(α α)	a Ar	g Il	e Se	u r Se	r Al	a Ph	e Ph	e Ar	g Le	u Ph	e Ar	g Va	т ме	LAF	a ner	u
	207	'З Т]	e Lv	s Le	u Le	u Se	r Ar	g Al	a Gl	u Gl	y Va	l Ar	g Th	r Le	и ье	u Tr	h 111	_
	287		61					61	5				62	U				
	201	·T	01															

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Input Set : A:\ES.txt

			J	исри				•								
2877	Phe	Tle	Lvs	Ser	Phe	Gln	Ala	Leu	Pro	Tyr	Val	Ala	Leu	Leu	Ile	Val
0050	C O F					630					000					0.10
2878	Met	Leu	Phe	Phe	Ile	Tyr	Ala	Val	Ile	Gly	Met	Gln	Met	Phe	Gly	Lys
					615					ทวบ					000	
2882	Tle	Ala	Leu	Val	Asp	Gly	Thr	Gln	Ile	Asn	Arg	Asn	Asn	Asn	Phe	Gln
0000				660					りりつ					070		
2889	Thr	Dhe	Pro	Gln	Ala	Val	Leu	Leu	Leu	Phe	Arg	Cys	Ala	Thr	Gly	Glu
2000			675					680					000			
2890	ת 1 ת	Trn	Gln	Gln	Tle	Leu	Leu	Ala	Cys	Ser	Tyr	Gly	Lys	Leu	Cys	Asp
0004		$c \circ \circ$					695					700				
2894	Dro	C111	Sor	Δsn	Tvr	Αla	Pro	Glv	Glu	Glu	Tyr	Thr	Cys	Gly	Thr	Asn
0000	705					710					113					, 20
2898 2901	705 Dho	717	Tree	Tur	Tur	Phe	Tle	Ser	Phe	Tyr	Met	Leu	Cys	Ala	Phe	Leu
	Pne	Ата	TAT	T Y T	725	1110				730					735.	
2902 2905	1701	т10	λan	T.OU	Dhe	Va 1	Δla	Va l	Ile	Met	Asp	Asn	Phe	Asp	Tyr	Leu
	vaı	TIE	ASII	740	THE	, u _		,	745		-			750		
2906 2909	mh sa	7 ~~~	7 cn	Trn	Ser	Tle	Len	Glv	Pro	His	His	Leu	Asp	Glu	Phe	Lys
2010			755					760					703			
2910 2913	31.	т1 о	733	λ1 a	Glu	ጥህዮ	Asn	Pro	Glu	Ala	Lys	Gly	Arg	Ile	Lys	His
	Ald			AId	GIU	- 1 -	775	110			-	780	_			
2914 2917	.	770	37-1	Va I	Thr	Τ.Δ11	7,73 T.011	Ara	Ara	Tle	Gln	Pro	Pro	Leu	Gly	Phe
		ASP	vaı	Val	1111	790	пси	5	,		795					800
2918 2921	700	T ***	Dho	Cve	Dro	His	Ara	Val	Ala	Cys	Lys	Arg	Leu	Val	Gly	Met
0000					205					810					012	
2922 2925	7 an	Mot	Dro	T.011	Δsn	Ser	Asp	Glv	Thr	Val	Thr	Phe	Asn	Ala	Thr	Leu
2026				α					825					0.50		
2926 2929	Dha	21-	LOU	V=1	λνα	Thr	Δla	Leu	Lvs	Ile	Lys	Thr	Glu	Gly	Asn	Phe
2020			025					840					047			
2930	Clu	C1 n	Δla	Δgn	Glu	Glu	Leu	Arq	Ala	Ile	lle	Lys	Lys	Ile	Trp	Lys
0004		050					855					000				
2934	7 × α	Thr	Sor	Met	Lvs	Len	Leu	Asp	Gln	Val	Ile	Pro	Pro	ıle	Gly	Asp 880
2020	965					870					0/0					000
2930	700	Clu	Wa1	Thr	Val	Glv	Lvs	Phe	Tyr	Ala	Thr	Phe	Leu	Ile	Gln	Glu
2042					ននទ					890)				093	
2942	uic	Dhe	Ara	T.v.c	Phe	Met	Lvs	Arq	Gln	Glu	ı Glu	Tyr	Tyr	Gly	Tyr	Arg
2016				900					905)		•		910		
2940	Dro	T 176	T.379	Agn	Tle	Va1	Gln	Ile	Gln	Ala	Gly	Leu	Arg	Thr	Ile	Glu
2949		пуз	915		110			920			_		925	5		
2930		C11	, 71s	λla	Pro	G111	Tle	CVS	Arc	Thi	· Val	Ser	Gly	/ Asp	Leu	Ala
		930		AIG	. 110	. 014	935	<u>,</u> -		,		940)			
2954	: : 11-	C1.	, . Glu	Glu	T.01	Glu	Arc	Ala	Met	. Val	L Glu	ı Ala	Ala	Met	. Glu	Glu
			, GIU	GIU	. пес	950		,			955	5				960
2958	945	, T1-	Dha	2000	r Dro	Thr	Glv	r Glx	Lei	ı Phe			val	Asp	Asn	Phe
		тт6	= =116	. WIG	965	, ;	1	1		970) 1			_	975	;
2962	; ; т	. c1.	, 7.~~	r ሞኬ።	Ju-	Ser	T.01	pro	Pro			. Ala	a Asr	n Glr	Arg	Pro
2000	-			0 ያ (1				98:)				フラ し	,	
2966) \ T		n Dha	יוטכ. ∗1ג	/ 1 ር1፣	1 Tle	دای د	. Met	: G1	Lu G	lu Me	et Gl	Lu Se	er E	ro V	al Phe
		L G.L.I	n Pne 995		, GIL		, ,,,,	100	00				10	005		
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29/3	ь теп	r GT/	u At	יה בו	TC L1			-E '	•	_ ,						

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DATE: 01/15/2002 TIME: 07:55:36

Input Set : A:\ES.txt

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1015
           1010
    2974
   2977 Ala Asn Thr Asn Asn Ala Asn Ala Asn Val Ala Tyr Gly Asn Ser
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                           1030
           1025
   2981 Asn His Ser Asn Ser His Val Phe Ser Ser Val His Tyr Glu Arg
                           1045
           1040
   2985 Glu Phe Pro Glu Glu Thr Glu Thr Pro Ala Thr Arg
                                                Gly Arg Ala
                                            <del>1065</del>
                           1060
           1055
    2986
E--> 2989 Leu Gly Gln Pro Cys Arg Val (Xaa Xaa Xaa Xaa Xaa
                                                Xaa Xaa Xaa
                                            1080
                           1075
           1070
    2990
Xaa Xaa Xaa
                                            1095
                            1090
           1085
    2994
Xaa Xaa Xaa
                            1105
           1100
    2998
1125
                            1120
           1115
    3002
1140
                            1135
           1130
    3000
1155
                            1150
           1145
    301/0
1170
                           1165
    3014
           1160
E--> 301' Xaa Xaa Thr Gly Pro His Ser Lys Pro Cys Val Glu Met Leu Lys
                            1180
    3018 1175
    3021 Gly Leu Leu Thr Gln Arg Ala Met Pro Arg Gly Gln Ala Pro Pro
                                             1200
                            1195
           1190
    3022
    3025 Ala Pro Cys Gln Cys Pro Arg Val Glu Ser Ser Met Pro Glu Asp
                                             1215
                            1210
           1205
    3026
    3029 Arg Lys Ser Ser Thr Pro Gly Ser Leu His Glu Glu Thr Pro His
                                             1230
                            1225
           1220
    3030
    3033 Ser Arg Ser Thr Arg Glu Asn Thr Ser Arg Cys Ser Ala Pro Ala
                                             1245
                            1240
           1235
    3034
    3037 Thr Ala Leu Leu Ile Gln Lys Ala Leu Val Arg Gly Gly Leu Gly
                                             1260
                            1255
           1250
    3041 Thr Leu Ala Ala Asp Ala Asn Phe Ile Met Ala Thr Gly Gln Ala
                                             1275
                            1270
           1265
    3042
    3045 Leu Ala Asp Ala Cys Gln Met Glu Pro Glu Glu Val Glu Ile Met
                            1285
    3046
           1280
    3049 Ala Thr Glu Leu Leu Lys Gly Arg Glu Ala Pro Glu Gly Met Ala
                                             1305
                            1300
    3050
           1295
    3053 Ser Ser Leu Gly Cys Leu Asn Leu Gly Ser Ser Leu Gly Ser Leu
                                             1320
                            1315
           1310
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           1325
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     5631 <212> TYPE: PRT
     5632 <213> ORGANISM: Homo sapiens
     5634 <400> SEQUENCE: 16
     5636 Met Pro Thr Ser Glu Thr Glu Ser Val Asn Thr Glu Asn Val Ser Gly
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Input Set : A:\ES.txt

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   5644 Arg Arg Gly Ala Ala Lys Ala Gly Pro Ser Gly Cys Arg Arg Trp Gly
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   5648 Gln Ala Ile Ser Lys Ser Lys Leu Ser Arg Arg Trp Arg Trp Asn
                              55
   5652 Arg Phe Asn Arg Arg Arg Cys Arg Ala Ala Val Lys Ser Val Thr Phe
   5656 Tyr Trp Leu Val Ile Val Leu Val Phe Leu Asn Thr Leu Thr Ile Ser
                      85
   5660 Ser Glu His Tyr Asn Gln Pro Asp Trp Leu Thr Gln Ile Gln Asp Met
                                     105
                  100
   5664 Pro Asn Lys Val Leu Leu Ala Leu Phe Thr Cys Glu Met Leu Val Lys
                                 120
   5668 Met Tyr Ser Leu Gly Leu Gln Ala Tyr Phe Val Ser Leu Phe Asn Arg
                              135
   5672 Phe Asp Cys Phe Val Val Cys Gly Gly Ile Thr Glu Thr Ile Leu Val
          130
                                             155
                          150
   5676 Glu Leu Glu Ile Met Ser Pro Leu Gly Ile Ser Val Phe Arg Cys Val
                                          170
                       165
   5680 Arg Leu Leu Arg Ile Phe Lys Val Thr Arg His Trp Thr Ser Leu Ser
                                      185
                   180
   5684 Asn Leu Val Ala Ser Leu Leu Asn Ser Met Lys Ser Ile Ala Ser Leu
                                  200
                195
    5688 Leu Leu Leu Phe Leu Phe Ile Ile Phe Ser Leu Leu Gly Met
                                                 220
                               215
    5692 Gln Leu Phe Gly Gly Lys Phe Asn Phe Asp Glu Thr Gln Thr Lys Arg
                                              235
                           230
    5696 Ser Thr Phe Asp Asn Phe Pro Gln Ala Leu Leu Thr Val Phe Gln Ile
                                          250
                       245
    5700 Leu Thr Gly Glu Asp Trp Asn Ala Val Met Tyr Asp Gly Ile Met Ala
                                      265
                   260
    5704 Tyr Gly Gly Pro Ser Ser Gly Met Ile Val Cys Ile Tyr Phe Ile
                                  280
                275
    5708 Ile Leu Phe Ile Cys Gly Asn Tyr Ile Leu Leu Asn Val Phe Leu Ala
                                                  300
                               295
    5712 Ile Ala Val Asp Asn Leu Ala Asp Ala Glu Ser Leu Asn Thr Ala Gln
                                              315
                           310
    5716 Lys Glu Glu Ala Glu Glu Lys Glu Arg Lys Ile Ala Arg Lys Glu
                                          330
                        325
    5720 Ser Leu Glu Asn Lys Lys Asn Asn Lys Pro Glu Val Asn Gln Ile Ala
                                       345
                    340
    5724 Asn Ser Asp Asn Lys Val Thr Ile Asp Asp Tyr Arg Glu Glu Asp Glu
E--> 5728 Asp Lys Asp Pro Tyr Pro Pro Cys Asp Val Pro Gly Met Val\intXaa Xaa
           370 375 380
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Input Set : A:\ES.txt

Output Set: N:\CRF3\01152002\J029413.raw

					utpu	t Se	C: N	÷/CB	F3/0	1152	002	J029	413.	Idw			
E>	5736	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa 410	Xaa	Xaa	Xaa	Xaa	Xaa 415	Xaa
E>	5737 5740	Xaa	Xaa	Xaa	Xaa	405 Xaa	Xaa	Xaa	Xaa	Xaa 425		Xaa	Xaa	Xaa	Xaa 430		Xaa
E>	5741 5741	Xaa	Xaa		420 Xaa	Xaa	Xaa	Xaa	Xaa 440		Xaa	Xaa	Xaa	Xaa 445		Xaa	Xaa
E>	5745 5748	Xaa		435 Xaa	Xaa	Xaa	Xaa	Xaa 455		Xaa	Xaa	Xaa	Xaa 460	Xaa	Xaa	Xaa	Xaa
	5749 5752 5753	165			_		.470	Xaa				4/3					
E>	5756	Xaa		-		Arg	Ile				490					4))	
	5760	His			500					505					JIU		
	5764			515					520					323			
	5768		530					535					340				
	5772 5773	515					550					222					500
	5776 5777					565					5/0					373	
	5780 5781				580					585					290		
	5784 5785			595					600					003			
	E700		610					615					620				Arg Phe
	E702	625	:				630					633					Phe 640 Thr
	E707					645					650					055	Thr Leu
	F001				660	i				665)				0 / 0		Trp
	5905			675					680)				005	,		Ala
	E000		600	١				695	5				700	,			Lys
	E012	705	=				710	1				/13)				720 Arg
	E017	,				725					/3(,				, 5 -	phe
	F001				716)				/4:)				, ,	,	n Glu
	5025	:		75	5				760)			ı Asp	Lys	,		a Arg
	5020	2	770	1				77:	5				7.01	,			r Ile
						-											00.0

FY

Use of n and/or Xaa has been detected in the Sequence Listing.

Listen the sequence Listing to insure a corresponding explanation is presented in the <220> to <223> fields of each sequence using n or Xaa.

RAW SEQUENCE LISTING DATE: 01/15/2002 PATENT APPLICATION: US/10/029,413 TIME: 07:55:36

Input Set : A:\ES.txt

						700					795					800
5833 78	85			_	_	790	m	T	nha	m een		17 a 1	Val	Δcn	Ser	
5836 Pr	ro 3	Lys	Asn	Pro	Tyr	GIn	TYL	ьуѕ	Pile	810	ıyı	Val	Val	21011	815	202
5837			~ 1		805	14 a b	Dha	17-1	Tou		Mot	T.011	Asn	Thr		Cvs
5840 Pi	ro 1	Phe	GIU		мет	мег	Pne	vaı	825	116	Mec	пси	11511	830		012
5841				820	77.5 -	т	C1	Cln		T 17.0	Mot	Dho	Δcn		Ala	Met.
5844 Le	eu i			GIn	His	туг	GIU	GTII	ser	гур	met	FIIE	845	пор	1114	nec
5845			835	_		**- 1	Dha	840	C1 **	V - 1	Dho	Thr	_	Glu	Met	Va1
5848 As			Leu	Asn	мет	vaı	Pne	THI	GIY	Val	FIIC	860	Vai	Olu		,
5849		850				51 -	855	D	T G	C1**	TT TT			Δen	Δla	Tro
5852 Le		Lys	Val	TTE	Ата		гуѕ	PIO	гуу	СТУ	875	rne	DCI	nop.		880
5853 86	65			_		870	T 1.	17.0.1	т1 о	C111		т1 👝	т1_	Asp	Val	
5856 As	sn	Thr	Phe	Asp		Leu	11e	var	TIE	890	261	116	116	nsp	895	1114
5857					885		m1	a 1	Com		λan	Wa I	Dro	Val		Thr
5860 Le	eu	Ser	Glu		Lys	Pro	Thr	GIU	905	GIU	ASII	val	FIO	910	110	1111
5861	_		_	900	_	a	a 1	a1			λrα	T10	Sar		Thr	Phe
5864 A	la	Thr		GLY	Asn	ser	GIU	GIU	Ser	ASII	мту	116	925	110		1110
5865			915					920	T	375 1	T ***	T 011		Sar	Δτα	Glv
5868 P			Leu	Phe	Arg	vaı	Met	Arg	ьeu	Val	цур	940	пси	Ser	nrg	OI,
5869		930	_	_^		_	935		m h sa	Dho	т10			Dho	Gln	Δla
5872 G		Gly	Ile	Arg	Thr	Leu	Leu	Trp	THE	Pile	955	гуз	261	rne	0111	960
5873 9	45				- -	950	_	~1 -	31-	Ma+			Dho	т1д	ጥተረጉ	•
5876 L	eu	Pro	Tyr	Val		Leu	Leu	тте	Ald	970	ьец	PHE	FIIC	110	975	,,,,,
5877		_			965		nh -	a1	T			Mot	Ara	Δen		Asn
5880 V	al	Ile	Gly	Met	Gln	мет	Pne	СТА	гÃг	Val	Ата	Met	. Arg	ASP	21011	11011
			_						005					aan		
5001				980					985					990		
5881 5884 G			Asn	980				Phe	985 G1				o Gl	990 n A		al Leu
5881 5884 G	ln	Ile	Asn 995	980 Arg	Asn	Asn	Asn	Phe	985 G1 0	n Th	r Ph	e Pr	o Gl 10	990 n A 05	la V	al Leu
5881 5884 G 5885 5888 L	ln eu	Ile Leu	Asn 995 Ph	980 Arg	Asn	Asn	Asn a Th	Phe 100 r G	985 G1 0	n Th	r Ph	e Pr	o Gl 10 Sln	990 n A 05	la V	al Leu
5881 5884 G 5885 5888 L	ln eu	Ile Leu	Asn 995 Pho	980 Arg e Ar	Asn g Cy	Asn s Ala	Asn a Th 10	Phe 100 r G 15	985 Gl 0 ly G	n Th	r Ph la T	e Pr rp G	0 Gl 10 31n .020	n A 05 Glu	la V Ile	al Leu Met
5881 5884 G 5885 5888 L 5889 5892 L	ln eu eu	Ile Leu 1010 Ala	Asn 995 Pho Cy	980 Arg e Ar	Asn g Cy	Asn s Ala	Asn a Th 10 y Ly	Phe 100 r G 15 s L	985 Gl 0 ly G	n Th	r Ph la T	e Pr rp 0 1	0 Gl 10 31n .020	n A 05 Glu	la V Ile	al Leu Met
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5881 5884 G 5885 5888 L 5889 5892 L 5893 5896 A	ln eu	Leu 1010 Ala 1025 Pro	Asn 995 Pho Cys	980 Arg e Arc	Asn g Cy: u Pro	Asn s Ala	Asn 10 y Ly 10 r Th	Phe 100 r G 15 s L 30 r C	985 Gl 0 ly G eu C	n Th lu A	r Ph la T sp P	e Pr rp 6 ro 6	0 Gl 10 31n .020 31u .035	n A 05 Glu Ser	la V Ile Asp	al Leu Met Tyr
5881 5884 G 5885 5888 L 5889 5892 L 5893 5896 A	ln eu eu	Ile Leu 1010 Ala 1025 Pro	Asn 995 Pho Cys Gl	980 Arg e Arc s Le y Gl	Asn g Cys u Pro u Gl	Asn S Ala O Gl	Asn 10 y Ly 10 r Th 10	Phe 100 r G 15 s L 30 r C	985 Gl O ly G eu C	n Th Elu A Eys A	r Ph la T sp P er A	e Pr rp 6 1 ro 6 1 sn F	10 31n .020 31u .035 2he	n A 05 Glu Ser	la V Ile Asp Ile	al Leu Met Tyr Val
5881 5884 G 5885 5888 L 5889 5892 L 5893 5896 A 5897 5900 T	ln eu eu	Leu 1010 Ala 1025 Pro 1040 Phe	Asn 995 Pho Cys Gl;	980 Arg e Arc s Le y Gl	Asn g Cys u Pro u Gl	Asn S Ala O Gl	Asn 10 y Ly 10 r Th 10 r Me	Phe 100 r G 15 s L 30 r C 45	985 Gl O ly G eu C	n Th Elu A Eys A	r Ph la T sp P er A	e Pr rp G ro G sn I	10 31n .020 31u .035 2he	n A 05 Glu Ser	la V Ile Asp Ile	al Leu Met Tyr Val
5881 5884 G 5885 5888 L 5889 5892 L 5893 5896 A 5897 5900 T	ln eu eu sn	Leu 1010 Ala 1025 Pro 1040 Phe	Asn 995 Pho Cy Gl;	980 Arg e Arc s Le y Gl	Asn g Cy: u Pro u Gl: r Ph	Asn s Ala c Gl u Ty e Ty	Asn 10 y Ly 10 r Th 10 r Me	Phe 100 r G 15 s L 30 r C 45 t L	985 Gl O ly G eu C ys G	n Th lu A lys A ly S lys A	r Ph la T sp P er A la F	rp G	10 10 10 10 10 10 10 10 10 10 10 10 10 1	n A 05 Glu Ser Ala	la V Ile Asp Ile Ile	al Leu Met Tyr Val Asn
5881 5884 G 5885 5888 L 5889 5892 L 5893 5896 A 5897 5900 T 5901	ln eu eu sn	Leu 1010 Ala 1025 Pro 1040 Phe 1055 Phe	Asn 995 Pho Cys Gl:	980 Arg e Arc s Le y Gl e Se l Al	Asn g Cy: u Pro u Gl r Ph a Va	Asn s Ala c Gl u Ty e Ty	Asn 10 y Ly 10 r Th 10 r Me 10 e Me	Phe 100 r G 15 s L 30 r C 45 t L 60	985 Gl O ly G eu C ys G	n Th lu A lys A ly S lys A	r Ph la T sp P er A la F	e Property of the Property of	10 10 10 10 10 10 10 10 10 10 10 10 10 1	n A 05 Glu Ser Ala	la V Ile Asp Ile Ile	al Leu Met Tyr Val Asn
5881 5884 G 5885 5888 L 5889 5892 L 5893 5896 A 5897 5900 T 5901 L	ln eu eu sn yr	Leu 1010 Ala 1025 Pro 1040 Phe 1055	Asn 995 Pho Cys Gl: United the control of the contr	980 Arg e Arc s Le y Gl e Se	Asn g Cy; u Pro u Gl: r Ph a Va	Asn s Ala c Gl; u Ty e Ty l Il	Asn 10 y Ly 10 r Th 10 r Me 10 e Me 10	Phe 100 r G 15 s L 30 r C 45 t L 60 t A	985 Gl O ly G eu C ys G eu C	n Th Elu A Elys A Ely S Elys A	r Ph la T sp P er A la F	e Property of the Property of	100 G1 100 G1 10	n A 05 Glu Ser Ala Ile	la V Ile Asp Ile Ile Thr	al Leu Met Tyr Val Asn Arg
5881 5884 G 5885 5888 L 5889 5892 L 5893 5896 A 5897 5900 T 5901 L 5905 A	eu eu sn 'yr	Leu 1010 Ala 1025 Pro 1040 Phe 1055 Phe 1070 Trp	Asn 995 Pho Cy: 5 Gl; 0 Il	980 Arg e Arc s Le y Gl e Se l Al r Il	Asn g Cy: u Pro u Gl: r Ph a Va e Le	Asn S Ala D Gl; U Ty E Ty I Il U Gl	Asn 10 y Ly 10 r Th 10 r Me 10 e Me 10 y Pr	Phe 100 r G 15 s L 30 r C 45 t L 60 t A 75 o H	985 Gl O ly G eu C ys G eu C	n Th lu A lys A ly S Cys A Asn P	r Ph la T sp P er A la F he A	e Property of the Property of	10 G1 10 G1	990 n A 05 Glu Ser Ala Ile Leu	la V Ile Asp Ile Ile Thr	al Leu Met Tyr Val Asn Arg
5881 5884 G 5885 5888 L 5889 5892 L 5893 5896 A 5897 5900 T 5901 L 5905 A	eu eu sn 'yr	Leu 1010 Ala 1025 Pro 1040 Phe 1055 Phe 1070 Trp	Asn 995 Pho Cy: 5 Gl; 0 Il	980 Arg e Arc s Le y Gl e Se l Al r Il	Asn g Cy: u Pro u Gl: r Ph a Va e Le	Asn S Ala D Gl; U Ty E Ty I Il U Gl	Asn 10 y Ly 10 r Th 10 r Me 10 e Me 10 y Pr	Phe 100 r G 15 s L 30 r C 45 t L 60 t A 75 o H	985 Gl O ly G eu C ys G eu C	n Th lu A lys A ly S Cys A Asn P	r Ph la T sp P er A la F he A	e Property of the Property of	10 G1 10 G1	990 n A 05 Glu Ser Ala Ile Leu	la V Ile Asp Ile Ile Thr	al Leu Met Tyr Val Asn Arg
5881 5884 G 5885 5888 L 5889 5892 L 5893 5896 A 5900 T 5904 L 5905 5908 A 5909 5912 I	eu eu sn 'yr	Leu 1010 Ala 1025 Pro 1040 Phe 1055 Phe 1070 Trp 1085	Asn 995 Pho Cyr	980 Arg e Arc s Le y Gl e Se l Al r Il	Asn g Cy: u Pro u Gl: r Ph a Va e Le	Asn S Ala D Gl; U Ty E Ty I Il U Gl	Asn 10 y Ly 10 r Th 10 r Me 10 e Me 10 y Pr 10 p Pr	Phe 100 r G 15 s L 30 r C 45 t L 60 t A 75 o H 90	985 Gl O ly G eu C ys G eu C	n Th lu A lys A ly S Cys A Asn P	r Ph la T sp P er A la F he A	e Profession of the International Control of	10 G1 10 G1	990 n A 05 Glu Ser Ala Ile Leu	la V Ile Asp Ile Ile Thr	al Leu Met Tyr Val Asn Arg
5881 5884 G 5885 5888 L 5889 5892 L 5893 5896 A 5897 5900 T 5904 L 5905 5908 A 5909 5912 I	lln eu eu sn Tyr eu asp	Leu 1010 Ala 1025 Pro 1040 Phe 1055 Phe 1070 Trp 1085	Asn 995 Pho Cy: Gl: Va Se Se	980 Arg e Arc s Le y Gl e Se l Al r Il	Asn g Cy: u Pro u Gl r Ph a Va e Le u Ty	Asn s Ala c Gl; u Ty e Ty l Il u Gl r As	Asn 10 10 10 10 10 10 10 10 10 10 10 10 10	Phe 100 r G 15 s L 30 r C 45 t L 60 t A 75 o H 90 O	985 G1 O ly G eu C ys G eu C sp A is F	n Th Eys A Ely S Eys A Asn P His I	r Ph la T sp P er A la F he A	e Property of the Property of	10 G1 10 J1 10 J1	990 n A 05 Glu Ser Ala Ile Leu Phe Ile	la V Ile Asp Ile Ile Thr Lys	al Leu Met Tyr Val Asn Arg Arg
5881 5884 G 5885 5888 L 5889 5892 L 5893 5896 A 5897 5900 T 5901 L 5905 5908 A 5909 5912 I 5913 5916 L	lln eu eu sn Tyr eu asp	Leu 1010 Ala 1025 Pro 1040 Phe 1055 Phe 1070 Trp 1085 Trp 1100 Asp	Asn 995 Pho Cy 5 Gl; Va Se Se Va Va	980 Arg e Arc s Le y Gl e Se l Al r Il	Asn g Cy: u Pro u Gl r Ph a Va e Le u Ty	Asn s Ala c Gl; u Ty e Ty l Il u Gl r As	Asn 10 10 10 10 10 10 10 10 10 10 10 10 10	Phe 100 r G 15 s L 30 r C 45 t A 75 o H 90 o G 05 u A	985 G1 O ly G eu C ys G eu C sp A is F	n Th Eys A Ely S Eys A Asn P His I	r Ph la T sp P er A la F he A	e Property of the Property of	10 G1 10 J1 10 J1	990 n A 05 Glu Ser Ala Ile Leu Phe	la V Ile Asp Ile Ile Thr Lys	al Leu Met Tyr Val Asn Arg Arg
5881 5884 G 5885 5888 L 5889 5892 L 5893 5896 A 5900 T 5904 L 5905 5908 A 5909 5912 I 5913 5916 L 5917	eu eu sn cyr eu asp	Leu 1010 Ala 1025 Pro 1040 Phe 1055 Phe 1070 Trp 1085 Trp 1110 Asp	Asn 995 Pho Cy 5 G1: Va Se Se Va 5	980 Arg e Arc s Le y Gl e Se l Al r Il r Gl	Asn g Cy; u Pro u Gl; r Ph a Va e Le u Ty l Th	Asn S Ala D Gl; U Ty E Ty I Il U Gl T As	Asn 10 10 10 10 10 10 10 10 10 10 10 10 10	Phe 100 r G 15 s L 30 r C 45 t A 75 t A 00 G 05 u A	985 Gl O ly G eu C ys G eu C sp A is F	n Thelu Acys Acys Acsn Phis I	r Ph la T sp P er A la F he A eu A	e Property of the Property of	10 Gl 10 10 31 10 10 10 10 10 10 10 10 10 10 10 10 10	990 n A 05 Glu Ser Ala Ile Leu Phe	la V Ile Asp Ile Ile Thr Lys Lys	al Leu Met Tyr Val Asn Arg Arg His
5881 5884 G 5885 5888 L 5889 5892 L 5893 5896 A 5897 5900 T 5904 L 5905 5908 A 5909 5912 I 5913 5916 L 5917 5920 P	eu eu sn cyr eu asp	Leu 1010 Ala 1025 Pro 1040 Phe 1055 Phe 1070 Trp 1100 Asp 1111	Asn 995 Pho Cy Gl; Va Se Se Va Va Ly	980 Arg e Arc s Le y Gl e Se l Al r Il r Gl	Asn g Cy; u Pro u Gl; r Ph a Va e Le u Ty l Th	Asn S Ala D Gl; U Ty E Ty I Il U Gl T As	Asn 10 10 10 10 10 10 10 10 10 10 10 11 11	Phe 100 r G 15 s L 30 r C 45 t L 60 A 75 H 90 G 05 A 20	985 Gl O ly G eu C ys G eu C sp A is F	n Thelu Acys Acys Acsn Phis I	r Ph la T sp P er A la F he A eu A	e Property of the International Prop	10 Gl 31n .020 Glu .035 Phe .050 Geu .080 Glu .095 Arg .1110 Pro .1125	990 n A 05 Glu Ser Ala Ile Leu Phe Ile	la V Ile Asp Ile Ile Thr Lys Lys	al Leu Met Tyr Val Asn Arg Arg His
5881 5884 G 5885 5888 L 5889 5892 L 5893 5896 A 5897 5900 T 5904 L 5905 5908 A 5909 5912 I 5913 5916 L 5917 5920 P	aln eu eu sn Tyr eu asp Ile Leu Phe	Leu 1010 Ala 1025 Pro 1040 Phe 1055 Phe 1070 Trp 1100 Asp 1111 Gly 1130	Asn 995 Pho Cy 5 Gl; Va Cy 5 Se Cy	980 Arg e Arc s Le y Gl e Se l Al r Il r Gl l Va	Asn g Cy; u Pro u Gl r Ph a Va e Le u Ty l Th	Asn s Ala c Gl; u Ty e Ty l Il u Gl r As r Le s Pr	Asn 10 10 10 10 10 10 10 10 10 10 10 11 11	Phe 100 r G 15 s L 30 r C 45 t L 60 A 75 H 90 G 05 a 20 s A	985 G1 O ly G eu C ys G eu C sp A is E lu A	n Thelu Acys Acys Acys Acsn Phis I	r Ph la T sp P er A la F he A eu A eu A	e Property of the International Control of th	10 Gl 10 10 10 10 10 10 10 10 10 10 10 10 10 1	990 n A 05 Glu Ser Ala Ile Leu Phe Ile	la V Ile Asp Ile Ile Thr Lys Lys Leu Leu	al Leu Met Tyr Val Asn Arg His Gly Val
5881 5884 G 5885 5888 L 5889 5892 L 5893 5896 A 5897 5900 T 5904 L 5905 5908 A 5909 5912 I 5913 5916 L 5917 5920 P 5921 5924 A	aln eu eu sn Tyr eu asp Ile Leu Phe	Leu 1010 Ala 1025 Pro 1040 Phe 1070 Trp 1100 Asp 1115 Gly 1130 Met	Asn 995 Pho Cy: Gl; Va Se Se Va Ly As	980 Arg e Arc s Le y Gl e Se l Al r Il r Gl l Va	Asn g Cy; u Pro u Gl r Ph a Va e Le u Ty l Th	Asn s Ala c Gl; u Ty e Ty l Il u Gl r As r Le s Pr	Asn 10 10 10 10 10 10 10 10 10 10 11 11 11	Phe 100 r G 15 s L 30 r C 45 t L 60 A 75 H 90 G 05 u A 20 s A 35 s n	985 G1 O ly G eu C ys G eu C sp A is E lu A	n Thelu Acys Acys Acys Acsn Phis I	r Ph la T sp P er A la F he A eu A eu A	e Property of the property of	10 Gl 10 10 10 10 10 10 10 10 10 10 10 10 10 1	990 n A 05 Glu Ser Ala Ile Leu Phe Ile Pro	la V Ile Asp Ile Ile Thr Lys Lys Leu Leu	al Leu Met Tyr Val Asn Arg His Gly Val
5881 5884 G 5885 5888 L 5889 5892 L 5893 5896 A 5897 5900 T 5904 L 5905 5908 A 5909 5912 I 5913 5916 L 5917 5920 P 5921 5924 A 5925	aln beu	Leu 1010 Ala 1025 Pro 1040 Phe 1070 Trp 1100 Asp 1115 Gly 1130 Met 114	Asn 995 Pho Cy: G1; Va Se Se Va Ly Ass	980 Arg e Arc s Le y Gl e Se l Al r Il r Gl l Va s Le n Me	Asn g Cy; u Pro u Gl r Ph a Va e Le u Ty l Th u Cy	Asn s Also c Gl; u Ty e Ty l Il u Gl r As r Le s Pr	Asn 10 10 10 10 10 10 10 10 10 10 11 11 11	Phe 100 r G 15 L 30 C 45 L 60 A 75 H 90 G 05 A 20 A 35 S	985 G1 O Oly G eu C ys G eu C sp A is H is H	n Th lu A lys A lys A lsn P lis I la I larg I larg I lasp G	r Ph la T sp P er A la F he A la G la G la G	e Property of the Property of	10 Gl 10 Gl 10 Glu 10 Glu	990 n A 05 Glu Ser Ala Ile Leu Phe Ile Pro Arg	la V Ile Asp Ile Ile Thr Lys Lys Leu Leu Phe	al Leu Met Tyr Val Asn Arg His Gly Val Asn
5881 5884 G 5885 5888 L 5889 5892 L 5893 5896 A 5897 5900 T 5904 L 5905 5908 A 5909 5912 I 5913 5916 L 5917 5920 P 5921 5924 A	aln beu	Leu 1010 Ala 1025 Pro 1040 Phe 1070 Trp 1100 Asp 1115 Gly 1130 Met 114	Asn 995 Pho Cy: Gl: Se Va Va Ly Ass Ly Ass Le	980 Arg e Arc s Le y Gl e Se l Al r Il r Gl l Va s Le n Me	Asn g Cy; u Pro u Gl r Ph a Va e Le u Ty l Th u Cy	Asn s Also c Gl; u Ty e Ty l Il u Gl r As r Le s Pr	Asn 10 10 10 10 10 10 10 10 10 11 11 11 11	Phe 100 r G 15 L 30 C 45 L 60 A 75 H 90 G 05 A 20 A 35 S	985 G1 O Oly G eu C ys G eu C sp A is H is H	n Th lu A lys A lys A lsn P lis I la I larg I larg I lasp G	r Ph la T sp P er A la F he A la G la G la G	e Property of the property of	10 Gl 10 Gl 10 Glu 10 Glu	990 n A 05 Glu Ser Ala Ile Leu Phe Ile Pro Arg	la V Ile Asp Ile Ile Thr Lys Lys Leu Leu Phe	al Leu Met Tyr Val Asn Arg His Gly Val Asn

RAW SEQUENCE LISTING DATE: 01/15/2002 PATENT APPLICATION: US/10/029,413 TIME: 07:55:36

Input Set : A:\ES.txt

5932 Glu G 5933 1	175			1180					TTOD			
5936 Lys L	ys Ile			1195					1200	_	Gln	
5940 Val P	ro Pro	Ala G	ly Ası	Asp 1210					1215			
5944 Ala T	hr Phe			1225	_				Phe 1230			
5948 Lys G	lu Gln			1240					1245			
5952 Ile A	la Leu			1255					T200		Gly	
5956 Glu I	le Arg			1270					1275			
5960 Glu G	Glu Thr			ı Glu 1285					1290	_	Arg	
5964 Gly A	1295			1300	•				1305		Asp	
5968 Arg <i>A</i>	Asp Ser			1315					1320		Leu	
5972 Val (1325			e Pro 1330					1335		Lys	
5976 Leu F 5977	1340			y Asn 1345					1350		His	
5980 His A	1355			s Gln 1360	1				1365		Ala	
5984 Leu A	1370			1375	i				1380	Ī	Arg His	
5988 Ser 3	1385			1390)				1395		Val	
	1400			1405	5				1410		Gly	
	1415			1420)				Asp 1425		His	
000-	1430			e Cys 143	5				1440		Phe	
6004 Tyr 6005	1445			s Cys 1450)				1455	_		Arg
6008 Ser 6009	1460			1465	5				14/0	_		
6012 Gln 6013	1175			1480)				1400	,		
6016 Ser 6017 6020 Asp	1490			149:	5		-		TOUG	,		
	1505			1510)				TOTO)		
	1520			152	5				T237)		
6028 Phe	Asn Phe	e GLU	суз п	a AIG	WT.	, उम्म		. 501				

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/029,413

DATE: 01/15/2002 TIME: 07:55:36

Input Set : A:\ES.txt

6000		1525					1540					1545			
6029	Dwo	1535	Sor	Dro	Tle	Phe	Pro	His	Arg	Thr	Ala	Leu	Pro	Leu	His
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6035	T.OU	Met	Gln	Gln	Gln	Ile	Met	Ala	Val	Ala	Gly	Leu 1575	Asp	Ser	Ser
< 0.0		15/5					15/0					10,0			
6040	T.y/G	Ala	Gln	Lvs	Tvr	Ser	Pro	Ser	His	Ser	Thr	Arg	Ser	Trp	Ala
		1500					ารหร					1000			
6044	Thr	Pro	Pro	Ala	Thr	Pro	Pro	Tyr	Arg	Asp	\mathtt{Trp}	Thr	Pro	Cys	Tyr
		1505					1600					T002			
6048	Thr	Pro	Leu	Ile	Gln	Val	Glu	Gln	Ser	Glu	Ala	Leu	Asp	Gln	Val
		1 (1 ()					1615					1020			
6052	Asn	Gly	Ser	Leu	Pro	Ser	Leu	His	Arg	Ser	Ser	Trp	Tyr	Thr	Asp
		1.00					1630					TOOD			
6056	Glu	Pro	Asp	Ile	Ser	Tyr	Arg	Thr	Phe	Thr	Pro	Ala	ser	ьeu	1111
c o = =		1 (1 (1645					1000			
6060	Val	Pro	Ser	Ser	Phe	Arg	Asn	Lys	Asn	Ser	Asp	Lys 1665	GIII	ALG	261
		1 / 5 5					1660					T002			
6064	Ala	Asp	Ser	Leu	Val	Glu	Ala	Val	ьeu	rre	Ser	Glu 1680	GIY	пси	GI1
		1 (7)					1675					7000			
6068	Arg			Arg	Asp	Pro	Lys	Pne	vaı	Ser	Ala	Thr 1695	цур	1120	0
6069		1685			_		1690	шhх	т1 о	λen	Glu	Met	Glu	Ser	Ala
				Ala	Cys	Asp	ьец 1705	THI	116	кър	GIU	Met 1710	02.4		
6073		1700	1	.	T	Aan	C117	λen	Val	Arα	Pro	Arg		Asn	Gly
				Leu	ьeu	ASII	1720	ASII	Val	**** 3		1725			_
6077	_	1715	01	Dwo	LOU	Cor	I/ZU Uic	Δrσ	Gln	Asp	Tvr	Glu		Gln	Asp
				PIO	ьeu	261	1735	1119	0		- 4 -	1740			
6081	51	1730	Dwo	C111	Фил	Cor	Asn	Glu	Glu	Pro	Asp	Pro	Gly	Arg	Asp
		1745		GIY	ıyı	JCI	1750	014			-	1755			
6085	C1.	1/40 Clu	λen	Leu	Δla	Asp			Ile	Cys	Ile	Thr	Thr	Leu	
		1760		neu	ДІЦ		1765			-		1770	1		
6089		T/00	,				, , -								

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/029,413

DATE: 01/15/2002 TIME: 07:55:38

Input Set : A:\ES.txt .

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L:11 M:270 C: Current Application Number differs, Replaced Current Application No
L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date
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L:2176 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:6
L:2196 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6
L:2200 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6
L:2209 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:7
L:2238 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:8
\texttt{L:2263~M:341~W:} (46) "n" or "Xaa" used, for SEQ ID#:8
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L:2429 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9
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L:2641 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9
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L:2646 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9
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L:2729 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:10
M:340 Repeated in SeqNo=10
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L:5247 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15
L:5250 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15
L:5251 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15
L:5254 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15
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VERIFICATION SUMMARY

DATE: 01/15/2002 TIME: 07:55:38

PATENT APPLICATION: US/10/029,413

Input Set : A:\ES.txt

Output Set: N:\CRF3\01152002\J029413.raw

L:5255 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15
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L:5259 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15
L:5262 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15
L:5263 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15
L:5266 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15
L:5267 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15
L:5267 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15
L:5270 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15
L:5271 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15
L:5728 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:16
M:340 Repeated in SeqNo=16
L:9466 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:23
L:9496 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:25